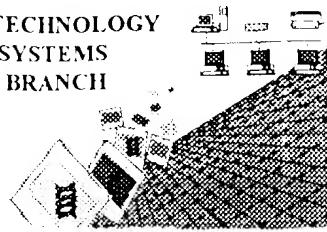


1636
#141

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 69/612,809A
Source: 1600
Date Processed by STIC: 11/20/2012

RECEIVED
NOV 27 2002
TECH CENTER 1600 2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/612,809A

DATE: 11/26/2002

TIME: 09:24:09

Input Set : A:\Iowa042.app

Output Set: N:\CRF4\11192002\I612809A.raw

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/612,809A

DATE: 11/20/2002

TIME: 09:24:69

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Output Set: N:\CRF4\11192002\I612809A.raw

253 <20> FEATURE:

254 <23> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

255 Peptide

257 <400> SEQUENCE: 5

258 Frc Lys Asp Leu Val Lys Pro Prc Tyr Ser Tyr Ile Ala Leu Ile Thr
259 1 5 10 15261 Met Ala Ile Gln Asn Ala Pro Gln Lys Iys Ile Thr Leu Asn Gly Ile
262 20 25 30264 Tyr Gln Ile Met Asp Arg Phe Prc Phe Tyr Arg Glu Asn Lys Gln
265 35 40 45267 Ile Gln Asn Ser Ile Arg His Asn Leu Ser Leu Asn Glu Cys Phe
268 50 55 60270 Val Lys Val Pro Arg Asp Asp Lys Iys Frc Gly Lys Gly Ser Tyr Trp
271 65 70 75 80

273 Thr Ile Asp Pro Asp Ser Tyr Asn Met Phe Glu Asn Gly Ser Phe Leu

274 85 90 95

276 Arg Arg Arg Asp Arg Phe Lys Lys Asp

277 100 105

280 <10> SEQ ID NO: 6

281 <11> LENGTH: 106

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283 <13> ORGANISM: Artificial Sequence

285 <20> FEATURE:

286 <23> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

287 Peptide

289 <400> SEQUENCE: 6

290 Frc Thr Glu Pro Thr Lys Pro Pro Tyr Ser Tyr Ile Ala Leu Ile Ala
291 1 5 10 15293 Met Ala Ile Gln Ser Ser Pro Gly Gln Arg Ala Thr Leu Ser Gly Ile
294 20 25 30296 Tyr Arg Val Ile Met Gly Arg Phe Asp Phe Tyr Arg His Asn Arg Pro
297 35 40 45299 Ile Trp Gln Asn Ser Ile Arg His Asn Leu Ser Leu Asn Glu Cys Phe
300 50 55 60302 Val Lys Val Pro Arg Asp Asp Arg Lys Pro Gly Lys Gly Ser Tyr Trp
303 65 70 75 80

305 Thr Ile Asp Pro Asp Cys His Asp Met Phe Glu His Gly Ser Phe Leu

306 85 90 95

308 Arg Arg Arg Arg Arg Phe Thr Arg Gln Thr

309 100 105

312 <10> SEQ ID NO: 7

313 <11> LENGTH: 106

314 <12> TYPE: PRT

315 <13> ORGANISM: Artificial Sequence

317 <20> FEATURE:

318 <23> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

319 Peptide

321 <400> SEQUENCE: 7

322 Ala Gln Thr Pro Gln Lys Pro Pro Tyr Ser Tyr Ile Ala Leu Ile Ala

59/612,809.4 6

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<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
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see p. 7 for linear representation

7
RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/612,809A

DATE: 11/20/2001
TIME: 09:24:10

Input Set : A:\Iowa042.app
Output Set : N:\CRF4\11192002\I612809A.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/612,809A

DATE: 11/20/2002

TIME: 09:24:10

Input Set : A:\Iowa042.app

Output Set: N:\CRF4\11192002\I612809A.raw

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I:606 M:258 W: Mandatory Feature missing, <213> Tag not found for SEQ#:16, <213> ORGANISM:Artificial Sequence

I:606 M:258 W: Mandatory Feature missing, <213> Blank for SEQ#:16, Line#:605